

Chain of Custody Record

SEVERN
TRENT

STL

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client USGS / EPA Greg Oberley		Project Manager Gary Cotrell		Date 4/22/12	Chain of Custody Number 336033
Address 1595 Wynkoop St		Telephone Number (Area Code)/Fax Number 303-236-3490		Lab Number 28007883	Page 2 of 2
City DENVER	State CO	Zip Code 80202	Site Contact Lisa Uriel	Analysis (Attach list if there space is needed)	
Project Name and Location (State) PAVILLION FRACKING			Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			Special Instructions/ Conditions of Receipt		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)			Date Collected	Time Collected	Matrix					Containers & Preservatives										DRO	SVOC	PAHs 8	TDS 25	TIC	DIC	Diss Ph	Propa	Glycols	9056																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown			Sample Disposal <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <u>1</u> Months			(A fee may be assessed if samples are retained longer than 1 month)			
Turn Around Time Required <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 7 Days <input type="checkbox"/> 14 Days <input type="checkbox"/> 21 Days <input checked="" type="checkbox"/> Other <u>rush</u>			QC Requirements (Specify)						
1. Relinquished By <u>[Signature]</u>			Date <u>4/23/12</u> Time <u>10:00am</u>		1. Received By <u>[Signature]</u>			Date <u>4/24/12</u> Time <u>900</u>	
2. Relinquished By			Date Time		2. Received By			Date Time	
3. Relinquished By			Date Time		3. Received By			Date Time	

Comments

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Client USGS / EPA Greg Oberley		Project Manager GARY COTRELL		Date 4/22/12	Chain of Custody Number 336034
Address 1595 Wynkoop		Telephone Number (Area Code)/Fax Number 303-236-3490		Lab Number 28007883	Page 1 of 2
City DENVER	State CO	Zip Code 80202	Site Contact Lisa Uriell	Analysis Attach list if more space is needed	
Project Name and Location (State) PAVILION FRACKING			Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			Special Instructions/Conditions of Receipt		

Page 6293 of 6408

Sample I.D. No. and Description (Containers for each sample may be combined on one line)			Date Collected	Time Collected	Matrix					Containers & Preservatives										Analysis Attach list if more space is needed
					Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH						
MWØ2	500 ml plastic		4/22/12	3:45pm		1					✓					6010B-7470A-6020	350.1 Ammonia	353.2 Nitrate	9060-TOC	9060 Diss-D
MWØ2	500 ml plastic		4/22/12	3:45pm		1					✓									
MWØ2	500 ml Amber		4/22/12	3:45pm		1				✓										
MWØ2	500 ml Amber		4/22/12	3:45pm		1				✓										
MWØ2	500 ml Amber		4/22/12	3:45pm		1				✓										
MWØ2	500 ml Amber		4/22/12	3:45pm		1				✓										
MWØ2	250 ml Amber		4/22/12	3:45pm		1				✓										
MWØ2	40 ml VOA		4/22/12	3:45pm		3						✓								
MWØ2	40 ml VOA		4/22/12	3:45pm		3						✓								
MWØ2	40 ml VOA		4/22/12	3:45pm		3						✓								
MWØ2	40 ml VOA		4/22/12	3:45pm		3				✓										
MWØ2	40 ml VOA		4/22/12	3:45pm		3				✓										
MWØ2	40 ml VOA		4/22/12	3:45pm		3				✓										

Filtered (Field)

Filtered (Field)

methane/ethane/ethene
methane/ethane/ethene

Possible Hazard Identification			Sample Disposal			(A fee may be assessed if samples are retained longer than 1 month)			
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Return To Client	<input checked="" type="checkbox"/> Disposal By Lab	<input type="checkbox"/> Archive For	<u>1</u> Months	
Turn Around Time Required			QC Requirements (Specify)						
<input type="checkbox"/> 24 Hours	<input type="checkbox"/> 48 Hours	<input type="checkbox"/> 7 Days	<input type="checkbox"/> 14 Days	<input type="checkbox"/> 21 Days	<input checked="" type="checkbox"/> Other	<u>RUSH</u>			
1. Relinquished By <u>Sgt. Clarke</u>			Date	Time	1. Received By <u>[Signature]</u>			Date	Time
2. Relinquished By			Date	Time	2. Received By			Date	Time
3. Relinquished By			Date	Time	3. Received By			Date	Time

Comments

Login Sample Receipt Checklist

Client: U.S. Geological Survey

Job Number: 280-28076-1

Login Number: 28076

List Source: TestAmerica Denver

List Number: 1

Creator: Cofoid, Stephen T

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: U.S. Geological Survey

Job Number: 280-28076-1

Login Number: 28076

List Number: 1

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

List Creation: 04/27/12 11:20 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
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Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	